

SECTION 10524

FIRE EXTINGUISHER CABINETS

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Fire extinguisher cabinets.

1.2 LANL FURNISHED AND INSTALLED EQUIPMENT

- A. Fire extinguishers

1.3 SUBMITTALS

- A. Submit the following in accordance with the requirements of Section 01300.
 - 1. Catalog data indicating roughing-in dimensions and details showing mounting methods, relationships of box and trim to surrounding construction, door hardware, cabinet type and materials, trim style and door construction, and panel style and materials.

1.4 REGULATORY REQUIREMENTS

- A. Fire extinguisher cabinets shall comply with NFPA 10.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. J. L. Industries
- B. Larsen's Mfg. Co.
- C. Johnson-Lee, Division of W. F. Lee Corp.
- D. Muckle Manufacturing, Division of Technico, Inc.
- E. Watrous, Inc.

2.2 FIRE EXTINGUISHER CABINETS

- A. General: Provide fire extinguisher cabinets where indicated, of suitable size for housing fire extinguishers of types and capacities indicated.
- B. Construction: Manufacturer's standard enameled steel box, with trim, frame, door and hardware to suit cabinet type, trim style, and door style indicated. Weld all joints and grind smooth. Miter and weld perimeter door frames.
- C. Cabinet Type: Suitable for mounting conditions indicated, of the following types:
 - 1. Semi-Recessed: Cabinet box (tub) recessed in walls of sufficient depth to suit style of trim indicated. Minimum size of 12 x 27 x 8 inches inside to house one 13 lb. LANL furnished and installed extinguisher.
- D. Trim Style: Fabricate trim in one piece with corners metered, welded and ground smooth.
 - 1. Exposed Trim: One-piece combination trim and perimeter door frame overlapping surrounding wall surface with exposed trim face and wall return at outer edge (backbend).
 - a. Rolled-Edged Trim: Rolled edges with backbend depth of 4 1/2 inches.

- b. Trim Metal: Of same metal as door.
- E. Door Material and Construction: Manufacturer's standard door construction, of hollow steel construction, coordinated with cabinet types and trim styles selected.
- F. Door Style: Manufacturer's standard design with Full-Glass Panel with 1/4 inch tempered glass.
- G. Door Hardware: Provide manufacturer's standard door operating hardware of proper type for cabinet type, trim style, and door material and style indicated. Provide either lever handle with cam action latch, or door pull, exposed or concealed, and friction latch. Provide concealed or continuous type hinge permitting door to open 180 degrees.

2.3 FACTORY FINISHING OF FIRE EXTINGUISHER CABINETS

- A. General: Comply with NAAMM "Metal Finishes Manual" for finish designations and application recommendations except as otherwise indicated. Apply finishes in factory after products are assembled. Protect cabinets with plastic or paper covering, prior to shipment.
- B. Painted Finishes: Apply baked enamel finish to both concealed and exposed surfaces of cabinet components except where other than a painted finish is indicated.
 - 1. Color: Provide color as selected by LANL from manufacturer's standard colors.

PART 3 EXECUTION

3.1 INSTALLATION

- A. Install cabinets in locations indicated on the Drawings and at the mounting height of 5 feet maximum from finished floor to top inside surface of cabinet.
 - 1. Prepare recesses in walls for fire extinguisher cabinets as required by type and size of cabinet and style of trim and to comply with manufacturer's instructions.
 - 2. Securely fasten mounting brackets and fire extinguisher cabinets to structure, square and plumb, to comply with manufacturer's instructions.

END OF SECTION